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COUNCIL OF MINISTERS USSR AND CENTRAL COMMITTEE OF CPSU  
DECREE PRODUCTION OF MORE TRACTORS AND FARM MACHINES IN 1953 - 1955

In the following series of articles, only sections of the decree pertaining to machine building have been exploited. The original numbering has been retained for reference purposes.

MACHINES FOR ANIMAL HUSBANDRY -- Moscow, Izvestiya, 26 Sep 53

V. Mechanization of Fodder Cultivation  
and of Labor-Consuming Tasks on Animal Husbandry Farms

The Council of Ministers USSR and the Central Committee of the CPSU have decreed the following:

1. To raise the level of mechanization of hay mowing, raking, and rick-ing to 65 percent in 1954 and to 80 percent in 1955; of stacking to 50 percent in 1954 and to 65 percent in 1955; of ensiling to 65 percent in 1954 and 75 percent in 1955; of sowing and cultivation of feed crops (including root crops) to 75 percent in 1954 and 95 percent in 1955; of gathering and stacking straw from fields harvested by combines to 50 percent in 1954 and to 75 percent in 1955.

3. To accept the proposal of the Ministry of Agriculture and Agricultural Procurement USSR that the following machines and implements be put into production: the DUP-10 mobile milking unit, milking barn equipment, LPU-1 steam power unit, VNU-3 tractor mounted sweep rakes, a feed preparation unit designed by the Institute for the Mechanization of Agriculture of the Academy of Sciences Belorussian SSR, the DKU-1.2 universal feed grinder, the FBYa-56 two-tier muckland plow, the FB-1 rotary tiller for swamps, the DKN-2 mole ball plow, the ET-141 ditch digging machine, the KM-1400 ditcher, a high-speed

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machine for wet sharpening of mower blades, a two-cylinder mower for the DT-54 tractor, couplings for two pickup-rickers, a wind-driven generator and water tower designed by Rozhnovskiy, and the KU-2 corn harvesting combine.

4. To order the Ministry of Machine Building to design new machines for mechanizing animal husbandry and to organize the output in 1954 of a series of wide-swath mowers for the DT-54 tractor, cylinder mowers for the Belarus' tractor, and large capacity pickup-stackers.

To confirm the list of machines to be developed and produced between 1953 and 1955 as follows:

<u>Machines</u>	<u>Number To Be Produced</u>	
	<u>1954</u>	<u>1955</u>
Milking units	7,500	15,000
Overhead conveyers	8,200 sets	16,500 sets
Feed steamers	37,000	41,500
Wind-driven generators	5,100	7,700
Electric motors up to 10 kilowatts	80,000	131,000
Assorted pumps	25,500	48,300
Steam power units	500	1,000
Iron water pipes	15,000 tons	25,000 tons

5. To charge the Ministries of Machine Building, Defense Industry, Transport and Heavy Machine Building, Agriculture and Agricultural Procurement USSR, Metallurgical Industry, Coal Industry, and Aviation Industry, the Council of Ministers RSFSR, and the Council of Ministers Ukrainian SSR with the responsibility for supplying the following quantities of machines, equipment, and materials to animal husbandry farms in 1954 and 1955:

	<u>1954</u>	<u>1955</u>
Self-propelled mowers	7,500	7,500
Tractor mowers	12,000	23,000
Tractor rakes	35,000	45,000
Tractor sweep rakes	83,000	123,000
Hay stackers	35,000	50,000
Forage harvesting machines	2,000	5,000
Corn harvesting combines	2,500	3,500
Excavators	390	310
Ditchers	2,100	2,000
Bulldozers	1,100	1,100
Brush cutters	1,000	2,000
Scrapers	5,800	5,900
Gasoline engines	30,000	50,000
Steel cable	2,440 tons	2,420 tons

Gosplan USSR is to assign production of the above machines to ministries and departments concerned in the 1954 and 1955 plans.

11. To confirm measures for increasing the capacity and expanding the production base of the Ministry of Machine Building for the output of the machines mentioned above.

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MACHINES FOR INCREASING THE PRODUCTION OF POTATOES AND VEGETABLES -- Moscow, Izvestiya, 29 Sep 53

II. Mechanization of Potato and Vegetable Growing and Increasing the Output of Plowing Tractors and Agricultural Machines in 1953 - 1955

The Council of Ministers USSR and the Central Committee of the CPSU have decreed the following:

20. To charge the Ministry of Agriculture and Agricultural Procurement USSR, the Ministry of State Farms USSR, the Ministry of Food Goods Industry USSR, republic councils of ministers, and kray and oblast executive committees to achieve the following percentages of mechanization in potato and vegetable growing in 1954 and 1955:

	<u>1954</u>		<u>1955</u>	
	<u>Kolkhozes</u>	<u>Sovkhozes</u>	<u>Kolkhozes</u>	<u>Sovkhozes</u>
<u>Potatoes</u>				
Planting	45	80	80-90	95
Between-row cultivation	65	90	80-90	95
Harvesting	40	80	80-90	95
<u>Vegetables</u>				
Planting	50	80	80-90	95
Transplanting	35	80	70-80	95
Between-row cultivation	70	85	80-90	95

22. To accept the proposal of the Ministry of Agriculture and Agricultural Procurement USSR that the following machines and implements be put into production: SKG-4 four-row checkrow potato planter; KGN-2.8P four-row cultivator-hiller and fertilizer; KRN-2.8 cultivator and fertilizer for the KHTZ-7 tractor; KKR-2 potato harvesting combine; ABN-2 two-row plant topper; SON-2.8 tractor mounted vegetable planter for the KHTZ-7 tractor; SRN-4 transplanting machine for checkrowing seedlings in peat-humus pots; IG-9 machine for making peat-humus pots; ONK sprayer and duster for the KHTZ-7 tractor; DDP-30S sprinkling unit; NN-0.3 tractor mounted loader for the Universal-2 tractor; NT-1 manure spreader for the KHTZ-7 tractor; NT-2 manure spreader for the Universal-2 tractor; TUR-7 universal spreader for manure, peat, and fertilizer; ANZh-2 truck for sprinkling liquid manure; and ZIS-585 <sup>dump</sup> trucks and GAZ-93 trucks with special bodies for transporting potatoes and vegetables.

23. To accept the proposal of the Ministry of Agriculture and Agricultural Procurement USSR and the Ministry of Machine Building for organizing the production of the KDP-35 crawler tractor.

24. To charge the Ministry of Machine Building with the responsibility for eliminating design and production shortcomings in the KDP-35 tractor in 1953, for installing a hydraulic lift unified with that of the Belarus' tractor on the KDP-35 beginning with the third quarter 1954, and for supplying additional standard-width tracks for the KDP-35.

25. To charge the Ministry of Machine Building with supplying plowing tractors (including tractors equipped as cotton pickers) in the following numbers in 1954 and 1955:

	<u>1954</u>	<u>1955</u>
Universal	18,200	19,000
KDP-35	10,340	17,000
KHTZ-7	10,500	18,000
Belarus'	10,000	15,000

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26. To assign the Ministry of Defense Industry to:

a. Organize the production of Belarus' tractors equipped with hydraulic lifts (and of spare parts for the Belarus') in its plants from blueprints supplied by the Ministry of Machine Building.

b. Produce 5,000 Belarus' tractors in 1954 and 10,000 Belarus' tractors in 1955.

c. Together with Gosplan USSR, submit within one month plans for organizing the production of Belarus' tractors and proposals for additional 1953 capital investments.

27. To charge the Ministry of Machine Building with creating the capacity to produce 61,000 Belarus', KMTZ-7, KDP-35, and KD-35 tractors yearly by the end of 1955.

28. To charge the Ministry of Machine Building with setting up a fuel apparatus shop at the Rubtsovsk Altay Tractor Plant with a capacity of 40,000 sets of fuel apparatus yearly, and to make twice this amount, in terms of labor consumption, of spare parts for fuel apparatus yearly.

29. To charge the Ministries of Machine Building, Transport and Heavy Machine Building, Defense Industry, and Aviation Industry to build (from blueprints supplied by the Ministry of Machine Building) the following quantities of machines and implements in 1954 and 1955:

<u>Ministry of Machine Building</u>	<u>1954</u>	<u>1955</u>
SKG-4 potato planters	20,000	25,000
KON-2.8P cultivator-hillers	12,000	18,000
KOK-2 potato harvesting combines	4,000	4,000
KKR-2 potato harvesting combines	6,000	12,000
SON-2.8 vegetable planters	6,000	6,000
SRN-4 transplanting machines	5,000	7,500
	(1,600 in the first quarter)	
SR-6M transplanting machines	2,000	2,000
KRN-2.8 cultivator fertilizers	10,000	12,000
ONK duster-sprayers	2,000	3,000
TR-1 fertilizer spreaders	5,000	10,000
Dump trucks with special bodies	15,000	25,000
SOD-24 grain and vegetable drills	3,000	5,000
<u>Ministry of Defense Industry</u>		
IG-9 machines for making peat-humus pots	2,500	3,500
DDP-30S sprinkling units	2,000	3,000
<u>Ministry of Aviation Industry</u>		
Manure loaders	2,500	5,000
Including those designed by the Institute for the Mechanization of Agriculture, Academy of Sciences Belorussian SSR:		
KKR-2 potato harvesting combines	1,500	2,000
	5,000	9,000
<u>Ministry of Transport and Heavy Machine Building</u>		
Manure spreaders	4,000	11,000

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The Ministry of Agriculture and Agricultural Procurement is to equip for its own needs and in its own plants 3,000 trucks for sprinkling liquid manure in 1954 and 7,000 trucks in 1955.

30. To charge the Ministry of Machine Building with perfecting the design and organizing the production of a cabbage picking machine designed by the All-Union Scientific Research Institute of Agricultural Machine Building, and of the TUR-7 universal manure spreader designed by the Special Design Bureau of the Gomsel'mash Plant; and with producing 6,000 cabbage picking machines and 4,000 TUR-7 spreaders in 1954 - 1955.

The Ministry of Machine Building and the Ministry of Agriculture and Agricultural Procurement are to present within 2 weeks a plan for organizing the production of self-unloading tractor trailers at the rate of 15,000-20,000 yearly, and to draw up within a month a plan for converting existing two-row potato planters in MTS into four-row checkrow potato planters.

31. To charge the Ministry of Machine Building with:

a. Speeding up design work on machines for mechanizing potato and vegetable growing.

b. Starting construction of a plant with a yearly capacity of 150-200 million rubles of output for building potato growing and harvesting machines in 1954. Construction of the plant will be entrusted to the Council of Ministers Belorussian SSR. Measures for the construction of this plant are to be submitted to the Council of Ministers USSR within a month.

32. The following plants are to be transferred to the Ministry of Machine Building as of 1 July 1953:

By the Ministry of Aviation Industry -- boiler and machinery plant.

By the Ministry of Railways -- the Lepaya and Serdobsk locomotive repair plants.

By the Ministry of Internal Affairs USSR -- Plant No 2.

By the Ministry of Agriculture and Agricultural Procurement USSR -- the Omsk Repair Plant.

The above-named ministries are to transfer fourth-quarter-1953 production assignments of the above plants to other enterprises of their ministries.

33. The Ministry of Machine Building is to organize the production of KKR-2 potato harvesting combines at the Tula Combine Plant at a yearly rate of 15,000 combines and to halt production of S-4 grain combines.

34. In 1953, the Ministry of Machine Building is to supply the Ministry of Agriculture and Agricultural Procurement USSR and the Ministry of State Farms USSR with additional [i.e. above-plan] machinery as follows: 1,500 KDP-35 tractors, 300 Universal tractors, 800 KhTE-7 tractors, 500 SON-2.8 vegetable planters, 200 SRN-4 transplanting machines, 1,500 SKG-4 potato planters, 1,000 KOK-2 potato harvesting combines, 500 KON-2.8 cultivator-hillers, 500 KRN-2.8 cultivator-fertilizers, and 500 ONK sprayer-dusters.

35. To charge the Ministry of Construction with the following:

a. To carry out an additional 5 million rubles worth of contract work in the construction of the Lipetsk Tractor Plant by cutting down other contract work at Ministry of Machine Building projects, through agreement with the ministry.

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b. To complete construction of Machine Assembly Building No 3 of the Khar'kov Tractor Plant in 1953, and to have the building ready for installation of equipment in the second quarter 1954.

c. To carry out an additional 5.5 million rubles worth of construction and installation at agricultural machine building plants of the Ministry of Machine Building (and include it in the general plan for contract work) as follows: Belinsk'sel'mash Plant, one million rubles; Kirovograd Krasnaya Zvezda Plant, 2 million rubles; Rostov-on-Don Krasnyy Aksay Plant, one million rubles; and to resume construction work at the Ryazsel'mash Plant and carry out 1.5 million rubles worth of work there in 1953.

36. To charge the Ministry of Construction, the Council of Ministers Belorussian SSR, and the Ministry of Machine Building with building and putting into operation the installations at tractor plants covered by this decree.

37. To charge the Ministries of Defense Industry, Transport and Heavy Machine Building, Electric Power Stations and Electrical Industry, and Construction Materials Industry USSR with supplying the Ministry of Machine Building, in 1953, with extra machines and equipment for tractor and agricultural machine building plants as called for by this decree. To empower the Ministry of Machine Building to use its own output for equipping tractor and agricultural machine building plants in the quantities prescribed by this decree.

38. To charge Gosplan USSR and the Ministry of Machine Building with providing for capital investments of 750 million rubles (including 350 million rubles for 1954) in the 1954 - 1955 plans for completing the construction of existing tractor plants.

39. The Ministry of Foreign Trade is to place orders abroad for press and forging, laboratory, and other equipment for 1954 delivery to the Ministry of Machine Building.

40. The Ministries of Transport and Heavy Machine Building, Defense Industry, Electric Power Stations and Electrical Industry, and Construction are to include equipment for tractor plants of the Ministry of Machine Building in the 1954 plans.

41. To transfer the Ivanteyevka Machinery Plant from the Ministry of Agriculture and Agricultural Procurement to the Ministry of Machine Building, as of 1 July 1953, for the purpose of organizing a State Special Design Bureau of Machines for Mechanizing Vegetable Growing and building experimental machines there.

42. To charge the Ministries of Metallurgical Industry, Timber and Paper Industry USSR, and Chemical Industry with supplying the following to the Ministry of Machine Building in 1953:

a. Ferrous rolled stock, lumber, and paper.

b. Rolled metal stock and materials for making additional plowing tractors in 1953 and for making special equipment in 1954.

43. To charge the Ministry of Foreign Trade and the Ministry of Machine Building with drawing up a plan for placing orders for agricultural machines, parts, and units with the Peoples' Democracies and submitting the plan to the Council of Ministers USSR within 2 months.

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MORE TRACTORS, EQUIPMENT FOR MACHINE TRACTOR STATIONS -- Moscow, Izvestiya,  
1 Oct 53

VII. Material and Technical Supplies for Agriculture

The Council of Ministers USSR and the Central Committee of the CPSU have decreed the following:

48. The Ministry of Agriculture and Agricultural Procurement USSR is to equip 18,000 tractor maintenance trucks at its own plants; 8,000 of these trucks are to be built in 1954 and 10,000 in 1955.

50b. Gosplan USSR is to provide for the production of the following quantities of equipment and its delivery to repair enterprises of the Ministry of Agriculture and Agricultural Procurement USSR and the Ministry of State Farms USSR:

	<u>1954</u>	<u>1955</u>
Engines for DT-54, S-80, KD-35, and Universal tractors	6,500	14,500
Starting engines for diesel tractors	7,000	9,500
Fuel pumps, with injectors, for tractors	6,000	10,500

68. Gosplan USSR and the Ministries of Machine Building, Transport and Heavy Machine Building, Defense Industry, and Aviation Industry are to provide for the production for agriculture of no less than 500,000 (in terms of 15-horsepower units) general-purpose tractors and 250,000 actual *fizicheskii*, Russian term indicating that these are actual tractors, i.e., not reduced to 15-horsepower units/ plowing tractors in the period from 1954 to 1 May 1957.

Gosplan USSR and the Ministries of Agriculture and Agricultural Procurement USSR, State Farms USSR, and Machine Building are to present to the Council of Ministers USSR, within 2 months, a plan for producing, in 1954 and 1955, the machines needed to mechanize agricultural tasks such as cultivating, harvesting, threshing, etc.

69. To charge Gosplan USSR with allocating equipment as follows in the 1954 plan:

a. To the Ministry of Agriculture and Agricultural Procurement USSR and the Ministry of State Farms USSR, for all purposes: 50,000 trucks, dump trucks, and chassis; 12,000 GAZ-69 motor vehicles (including 1,500 for the Ministry of State Farms USSR); 4,000 motorcycles with side cars; 4,600 metal-cutting machine tools; 175 hydraulic presses, 5,000 electric motors; 1,000 electric welding units and 15,000 oxygen cylinders; and other equipment for MTS repair shops and repair enterprises.

b. To Tsentrsoyuz Central Union of Consumers Cooperatives): 60,000 trucks for sale to kolkhozes.

71. To provide for the following liquid fuel supply equipment for agriculture in the 1954 and 1955 plans:

	<u>1954</u>	<u>1955</u>
Tank trucks on ZIS-150 chassis	3,000	2,000
Tank filling trucks on GAZ-51 chassis	5,000	10,000
Fuel filling carts with pumps and hoses	30,000	30,000
Hand pumps with hoses	24,000	24,000

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74. The Ministry of Agriculture and Agricultural Procurement USSR and the Ministry of Machine Building are to review existing procedures for ordering and testing new machines, with a view to shortening the time required to put a new machine into production.

75. To charge Gosplan USSR, the Ministry of Machine Building, and the Ministry of Transport and Heavy Machine Building starting in 1954, with the responsibility of producing and supplying spare parts for tractors, agricultural machines, and motor vehicles used in agriculture in sufficient quantities to meet operational requirements. These parts should be supplied in strict conformity with established norms for supplying all items on the products list, taking into account the established carry-over balances of spare parts that consumers and sales organizations are permitted to have.

Within a month, the Ministry of Machine Building and the Ministry of Transport and Heavy Machine Building, with the agreement of Gosplan USSR, are to present to the Council of Ministers USSR proposals for improving the quality of spare parts and reducing the transfer price of spare parts for tractors and agricultural machines.

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